

532,031

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
18 November 2004 (18.11.2004)

PCT

(10) International Publication Number
WO 2004/099367 A2

(51) International Patent Classification⁷:

C12N

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(21) International Application Number:

PCT/US2003/034028

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(22) International Filing Date: 23 October 2003 (23.10.2003)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

60/420,458	23 October 2002 (23.10.2002)	US
60/466,889	30 April 2003 (30.04.2003)	US
60/466,712	30 April 2003 (30.04.2003)	US
60/477,314	9 June 2003 (09.06.2003)	US

(84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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Published:

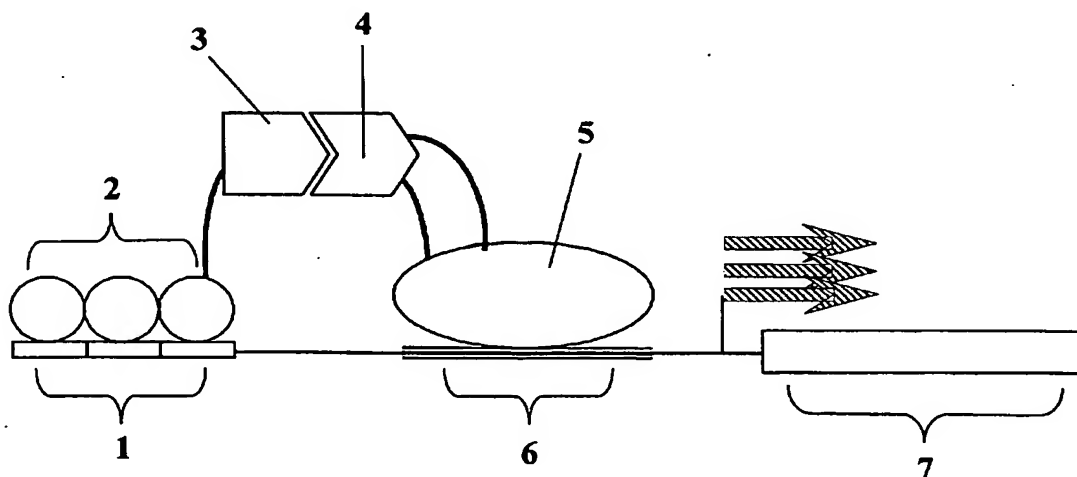
— *without international search report and to be republished upon receipt of that report*

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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: METHODS FOR PRODUCING ZINC FINGER PROTEINS THAT BIND TO EXTENDED DNA TARGET SEQUENCES



(57) Abstract: The present invention relates to non-naturally occurring zinc finger proteins that are selected for binding to a DNA sequence of interest. The non-naturally occurring zinc finger proteins of the present invention are based on the sequence of zinc finger proteins having more than three zinc fingers, such as NR5F, and are capable of binding extended DNA target sequences with high affinity and specificity.

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